Application Serial No. 10/533,158
Attorney Docket No. 7388/84325
Page 2

Amendments to the Specification:

Please amend the paragraph beginning on page 40, line 19, as follows:

An internet-mediated DNA sequence homology search was conducted for DNA sequence data obtained from the both end-sequence analysis in Example 2. The search was conducted using the BLAST database of the NCBI (National Center of Biotechnology Information, http://www.ncbi.nblm.nih.gov/BLAST). As a result of the homology search, approximately 2,700 genes were identified. These genes were classified and repeat sequences were eliminated using a RepeatMasker software to obtain 1598 genes. Out of the genes, novel genes were 963 genes were novel and known genes were 635 genes were known.